

AMENDMENTS TO THE CLAIMS

1-8. (Cancelled)

9. (New) A hybrid ARQ method for packet data transmission in a mobile communication system, said method comprising:

transmitting the packet data on a data channel in a form of a plurality of protocol data units; and

assigning an indicator to a protocol data unit;

wherein the indicator on a control channel is transmitted with an allocation message including information about the channelization code of the data channel.

10. (New) A hybrid ARQ method according to claim 9, wherein the indicator is a sequence number.

11. (New) A hybrid ARQ method for packet data transmission in a mobile communication system, said method comprising:

transmitting the packet data on a data channel in a form of a plurality of protocol data units; and

assigning an indicator to a protocol data unit,

wherein the indicator on a control channel is transmitted before transmitting the protocol data unit.

12. (New) A hybrid ARQ method according to claim 11, wherein the indicator starts to be transmitted before transmitting the protocol data unit.

13. (New) A hybrid ARQ method according to claim 11, wherein the indicator is a sequence number.

14. (New) A hybrid ARQ transmission apparatus comprising:

a transmission section operable to transmit packet data on a data channel in a form of a plurality of protocol data units, and to assign an indicator to a protocol data unit;

wherein the indicator on a control channel is transmitted with an allocation message including information about the channelization code of the data channel.

15. (New) A hybrid ARQ transmission apparatus according to claim 14, wherein the indicator is a sequence number.

16. (New) A base station apparatus equipped with said transmission apparatus according to claim 14.

17. (New) A hybrid ARQ reception apparatus comprising a receiving section operable to receive the data transmitted by said transmission apparatus according to claim 14.

18. (New) A hybrid ARQ transmission apparatus comprising:
a transmission section operable to transmit packet data on a data channel in a form of a plurality of protocol data units, and to assign an indicator to a protocol data unit;
wherein the indicator on a control channel is transmitted before transmitting the protocol data unit.

19. (New) A hybrid ARQ transmission apparatus according to claim 18, wherein the indicator starts to be transmitted before transmitting the protocol data unit.

20. (New) A hybrid ARQ transmission apparatus according to claim 18, wherein the indicator is a sequence number.

21. (New) A base station apparatus equipped with said transmission apparatus according to claim 18.

22. (New) A hybrid ARQ reception apparatus comprising a receiving section operable to receive the data transmitted by said transmission apparatus according to claim 18.

23. (New) A transmission system comprising:

a transmission apparatus, said transmission apparatus comprising a transmission section operable to transmit packet data on a data channel in a form of a plurality of protocol data units, and to assign an indicator to a protocol data unit, wherein the indicator on a control channel is transmitted with an allocation message including information about the channelization code of the data channel; and

a reception apparatus operable to receive the data transmitted by said transmission apparatus.

24. (New) A transmission system comprising:

a transmission apparatus, said transmission apparatus comprising a transmission section operable to transmit packet data on a data channel in a form of a plurality of protocol data units, and to assign an indicator to a protocol data unit, wherein the indicator on a control channel is transmitted before transmitting the protocol data unit; and

a reception apparatus operable to receive the data transmitted by said transmission apparatus.